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AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS:

1. A method for treating neuropathic pain [is] in a patient comprising administering an effective neuropathic pain-treating dose of a pharmaceutical composition comprising a compound of formula I:

$$R^{10}$$
 R^{2}
 R^{10}
 R^{2}
 R^{3}
 R^{4}

wherein

R¹ is selected from the group consisting of hydrogen, alkyl

$$R^5$$
— C — , R^6 — N — C — and R^8 — X — CH — R^9

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each R² is independently selected from a group of the formula:

R³ is selected from the group consisting of hydrogen, alkyl, cycloalkyl and aryl;
R⁴ is selected from the group consisting of alkyl, substituted alkyl, alkenyl,
substituted alkenyl, alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl,
cycloalkenyl and substituted cycloalkenyl;

R⁵ is selected from the group consisting of alkyl, substituted alkyl, alkenyl, substituted alkenyl, alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl and substituted cycloalkenyl;

R⁶ and R⁷ are independently selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl and substituted cycloalkenyl; or R⁶ and R⁷ can be joined to form an alkylene or substituted alkylene group having from 2 to 10 carbon atoms;

R⁸ is selected from the group consisting of alkyl, substituted alkyl, alkenyl, substituted alkenyl, alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl and substituted cycloalkenyl;

R⁹ is selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkynyl, substituted alkynyl, substituted cycloalkyl,

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cycloalkenyl and substituted cycloalkenyl; or R⁸ and R⁹ can be joined to form an alkylene or substituted alkylene group having from 2 to 10 carbon atoms;

 R^{10} is selected from the group consisting of hydrogen, lower alkyl and lower cycloalkyl; or R^1 and R^{10} can be joined to form an alkylene, substituted alkylene, -C(O)- -S(O)- or -S(O)₂- group;

R¹¹ and R¹² are independently selected from the group consisting of lower alkyl and lower cycloalkyl; or R¹¹ and R¹² can be joined to form an alkylene group having from 2 to 10 carbon atoms;

X is oxygen, sulfur, -S(O)- or $-S(O)_2$ -; and

W is oxygen or sulfur; and pharmaceutically-acceptable salts thereof.

- 2. The method of Claim 1 wherein W is oxygen.
- 3. The method of Claim 2 wherein R³ is hydrogen or lower alkyl.
- 4. The method of Claim 3 wherein R^3 is hydrogen.
- 5. The method of Claim 4 wherein R⁴ is selected from the group consisting of alkyl, substituted alkyl and cycloalkyl.
- 6. The method of Claim 5 wherein R⁴ is selected from the group consisting of methyl, *n*-propyl, isopropyl, 1-hydroxy-2-methylprop-2-yl, *n*-butyl, *tert*-butyl, 3-thiomethylpropyl, 3-(thiomethoxy)but-1-yl, cyclohexyl, 4-trifluoromethybenzyl and 3,4,5-trimethoxybenzyl.
 - 7. The method of Claim 4 wherein R⁵ is selected from the group consisting of

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alkyl and cycloalkyl.

- 8. The method of Claim 7 wherein R^5 is selected from the group consisting of methyl, ethyl, n-propyl, isopropyl and n-butyl.
- 9. The method of Claim 4 wherein R⁷ is hydrogen and R⁶ is selected from the group consisting of alkyl and alkoxycarbonylalkyl.
- 10. The method of Claim 9 wherein R^6 groups is selected from the group consisting of ethyl, n-propyl, isopropyl, n-butyl, ethoxycarbonylmethyl and 2-(ethoxycarbonyl)ethyl.
- 11. The method of Claim 4 wherein X is oxygen; R⁹ is hydrogen; and R⁸ is alkyl or alkoxyalkyl.
- 12. The method of Claim 11 wherein R⁸ is selected from the group consisting of methyl and methoxyethyl.
- 13. The method of Claim 4 wherein R^{10} , R^{11} and R^{12} are independently lower alkyl.
 - 14. The method of Claim 13 wherein R^{10} , R^{11} and R^{12} are methyl.
 - 15. The method of Claim 1 wherein the compound is of formula IA:

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$$CH_3$$
 CH_3
 CH_3

wherein

 R^{14} is selected from the group consisting of alkyl, substituted alkyl, cycloalkyl and substituted cycloalkyl.

- 16. The method of Claim 15 wherein R^{14} is an alkyl of from 3 to 8 carbon atoms.
 - 17. The method of Claim 16 wherein R^{14} is *tert*-butyl.
 - 18. The method of Claim 16 wherein R^{14} is *tert*-octyl.
 - 19. The method of Claim 1 wherein the compound is of formula II:

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wherein

R¹³ is selected from the group consisting of alkyl, substituted alkyl, cycloalkyl and substituted cycloalkyl;

R¹⁴ is selected from the group consisting of alkyl, substituted alkyl, cycloalkyl and substituted cycloalkyl; and pharmaceutically-acceptable salts thereof.

- 20. The method of Claim 15 wherein R¹³ is lower alkyl and R¹⁴ is selected from the group consisting of alkyl, substituted alkyl and cycloalkyl.
 - 21. The method of Claim 1 wherein the compound is of formula III:

wherein

R¹⁵ and R¹⁶ are independently selected from the group consisting of hydrogen, alkyl, substituted alkyl, cycloalkyl, substituted cycloalkyl; or R¹⁵ and R¹⁶ can be joined to form an alkylene or substituted alkylene group having from 2 to 10 carbon atoms;

 $R^{17}\ \text{is selected from the group consisting of alkyl, substituted alkyl, cycloalkyl and}$

substituted cycloalkyl; and pharmaceutically-acceptable salts thereof.

- 22. The method of Claim 21 wherein R¹⁶ is hydrogen and R¹⁵ is selected from the group consisting of alkyl and alkoxycarbonylalkyl.
 - 23. The method of Claim 1 wherein the compound is of formula IV:

wherein

 R^{18} is selected from the group consisting of alkyl, substituted alkyl, cycloalkyl and substituted cycloalkyl;

R¹⁹ is selected from the group consisting of hydrogen, alkyl, substituted alkyl, cycloalkyl and substituted cycloalkyl; or R¹⁸ and R¹⁹ can be joined to form an alkylene or substituted alkylene group having from 2 to 10 carbon atoms;

R²⁰ is selected from the group consisting of alkyl, substituted alkyl, cycloalkyl and substituted cycloalkyl; and pharmaceutically-acceptable salts thereof.

- 24. The method of Claim 23 wherein R¹⁹ is hydrogen and R¹⁸ is alkyl or alkoxyalkyl.
 - 25. The method of Claim 24 wherein R¹⁸ is methyl or methoxyethyl.

- 26. The method of Claim 23 wherein R^{20} is selected from the group consisting of alkyl, substituted alkyl and cycloalkyl.
- 27. The method of Claim 26 wherein R²⁰ is selected from the group consisting of methyl, *n*-propyl, isopropyl, 1-hydroxy-2-methylprop-2-yl, *n*-butyl, *tert*-butyl, 3-thiomethylpropyl, 3-(thiomethoxy)but-1-yl, cyclohexyl, 4-trifluoromethybenzyl and 3,4,5-trimethoxybenzyl.
- 28. The method of Claim 1 wherein the compound is selected from the group consisting of:

 α -(4-acetoxy-3,5-di-*tert*-butylphenyl)-*N*-*tert*-butylnitrone

 α -(4-isobutanoyloxy-3,5-di-*tert*-butylphenyl)-*N*-*tert*-butylnitrone

 α -(4-*n*-butanoyloxy-3,5-di-*tert*-butylphenyl)-*N*-*tert*-butylnitrone

 α -(4-acetoxy-3,5-di-*tert*-butylphenyl)-*N*-isopropylnitrone

 α -(4-acetoxy-3,5-di-*tert*-butylphenyl)-*N*-1-hydroxy-2-methylprop-2-ylnitrone

 α -(4-*n*-pentanoyloxy-3,5-di-*tert*-butylphenyl)-*N*-*tert*-butylnitrone

 α -(4-acetoxy-3,5-di-*tert*-butylphenyl)-*N*-4-trifluoromethylbenzylnitrone

α-(4-propionyloxy-3,5-di-*tert*-butylphenyl)-*N-tert*-butylnitrone

α-(4-acetoxy-3,5-di-*tert*-butylphenyl)-*N*-methylnitrone

α-(4-acetoxy-3,5-di-*tert*-butylphenyl)-*N*-3,4,5-trimethoxybenzylnitrone

 α -[4-(ethylaminocarbonyloxy)-3,5-di-*tert*-butylphenyl]-*N-tert*-butylnitrone

 α -[4-(n-propylaminocarbonyloxy)-3,5-di-tert-butylphenyl]-N-tert-butylnitrone

 α -[4-(n-butylaminocarbonyloxy)-3,5-di-tert-butylphenyl]-N-tert-butylnitrone

 $\alpha\hbox{-[4-(2-ethoxycarbonyl)ethylaminocarbonyloxy)-3,5-di-}\textit{tert-}butylphenyl]-\textit{N-tert-}$

butylnitrone

 $\alpha\hbox{-[4-(2-ethoxycarbonyl)} methylaminocarbonyloxy)-3, 5-di-\textit{tert}-butylphenyl]-\textit{N-tert}-butylphenyl}$

butylnitrone

 $\alpha\hbox{-}(4\hbox{-methoxymethoxy-3,5-di-}\textit{tert}\hbox{-butylphenyl})\hbox{-}\textit{N-tert}\hbox{-butylnitrone}$

 $\alpha\hbox{-[4-(2-methoxy)ethoxymethoxy-3,5-di-}{\it tert}\hbox{-butylphenyl]-}{\it N-tert}\hbox{-butylnitrone}$

 $\alpha\text{-}(4\text{-methoxymethoxy-3},5\text{-}di\text{-}\textit{tert}\text{-}butylphenyl)\text{-}\textit{N-3-}(thiomethoxy)but\text{-}1\text{-}\textit{ylnitrone}$

 α -(4-methoxymethoxy-3,5-di-*tert*-butylphenyl)-N-3-thiomethoxypropylnitrone

 α -(4-hydroxy-3,5-di-*tert*-butylphenyl)-*N-tert*-butylnitrone

α-(4-hydroxy-3,5-di-*tert*-butylphenyl)-*N-tert*-octylnitrone

 $\alpha\hbox{-}(4\hbox{-hydroxy-3,5-dimethoxyphenyl})\hbox{-}N\hbox{-tert-butylnitrone}$

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 α -(4-hydroxy-3,5-dimethylphenyl)-N-hexylnitrone

 α -(4-hydroxy-3,5-dimethylphenyl)-N-tert-butylnitrone

 α -(4-hydroxy-3,5-di-tert-butylphenyl)-N-(1,1-dimethyl-2-hydroxyethyl)nitrone

 α -(4-hydroxy-3,5-di-tert-butylphenyl)-N-(1,1-dimethylpropyl)lnitrone

 $\alpha\hbox{-}(4\hbox{-hydroxy-}3,5\hbox{-di-tert-butylphenyl})\hbox{-}N\hbox{-}(1\hbox{-methylethyl})\\ lnitrone$

 α -(4-hydroxy-3,5-di-tert-butylphenyl)-N-benzylnitrone

α-(4-methoxy-3,5-di-*tert*-butylphenyl)-*N-tert*-butylnitrone

and pharmaceutically acceptable salts thereof.

- 29. The method of Claim 1 wherein the compound is α -(4-hydroxy-3,5-di-*tert*-butylphenyl)-*N-tert*-butylnitrone
- 30. The method of Claim 1 wherein the compound is α -(4-hydroxy-3,5-di-*tert*-butylphenyl)-*N-tert*-octylnitrone
- 31. The method of Claim 1 wherein the compound is α -(4-acetoxy-3,5-di-*tert*-butylphenyl)-*N*-*tert*-octylnitrone
 - 32. The method of Claim 1 wherein the compound is α -(4-n-butanoyloxy-3,5-di-

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tert-butylphenyl)-N-tert-butylnitrone

33. A pharmaceutical composition for the treatment of neuropathic pain comprising a pharmaceutically acceptable carrier and a pharmaceutically effective neuropathic pain-treating amount of a compound of formula I:

$$R^{10}$$
 R^{2}
 R^{2}
 R^{3}
 R^{4}

wherein

R¹ is selected from the group consisting of hydrogen:

each R² is independently selected from a group of the formula:

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R³ is selected from the group consisting of hydrogen, alkyl, cycloalkyl and aryl;

R⁴ is selected from the group consisting of alkyl, substituted alkyl, alkenyl, substituted alkenyl, alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl and substituted cycloalkenyl;

R⁵ is selected from the group consisting of alkyl, substituted alkyl, alkenyl, substituted alkenyl, alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl and substituted cycloalkenyl;

R⁶ and R⁷ are independently selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl and substituted cycloalkenyl; or R⁶ and R⁷ can be joined to form an alkylene or substituted alkylene group having from 2 to 10 carbon atoms;

R⁸ is selected from the group consisting of alkyl, substituted alkyl, alkenyl, substituted alkenyl, alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl and substituted cycloalkenyl;

R⁹ is selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkynyl, substituted alkynyl, cycloalkyl, substituted cycloalkyl, cycloalkenyl and substituted cycloalkenyl; or R⁸ and R⁹ can be joined to form an alkylene or substituted alkylene group having from 2 to 10 carbon atoms;

 R^{10} is selected from the group consisting of hydrogen, lower alkyl and lower cycloalkyl; or R^1 and R^{10} can be joined to form an alkylene, substituted alkylene, -C(O)-

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S(O)- or $-S(O)_2$ - group;

 R^{11} and R^{12} are independently selected from the group consisting of lower alkyl and lower cycloalkyl; or R^{11} and R^{12} can be joined to form an alkylene group having from 2 to 10 carbon atoms;

X is oxygen, sulfur, -S(O)- or $-S(O)_2$ -; and

W is oxygen or sulfur; and pharmaceutically-acceptable salts thereof.

- 34. The pharmaceutical composition of Claim 33 wherein the compound is α -(4-hydroxy-3,5-di-*tert*-butylphenyl)-*N-tert*-butylnitrone.
- 35. The pharmaceutical composition of Claim 33 wherein the compound is α -(4-hydroxy-3,5-di-*tert*-butylphenyl)-*N-tert*-octylnitrone.